NC/QC/YD/2019-20/W3-BNM -C1 Date: 08-11-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	170 min	Shall not be less than 30 min
2	Final setting time	285 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	2.18 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.05 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	28.65 N/Sq mm	Shall not be less than 27 N/Sqmm

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Page No. 1/1,

For Newzen Consultants Bangalore
Proprietor

NC/QC/YD/2019-20/W3-BNM -PCC1 Date: 08-11-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	68.70	0 -20	30- 70
10mm	23.75	0 -5	10- 35
4.75mm	4.15	-----	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.35	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	84.10	60-95	75-100	85-100	
01.18	73.30	30-70	55-90	75-100	
600.mic	51.05	15-34	35-59	60-79	
300.mic	17.90	5-20	8-30	12-40	
150.mic	7.45	0-10	0-10	0-10	

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Page No. 1/1,

For Newzen Consultants Bangalore
Proprietor

NC/QC/YD/2019-20/W3-BNM-PCC2 Date: 11-11-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	64.10	0 -20	30- 70
10mm	25.90	0 -5	10- 35
4.75mm	4.30	-----	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.45	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.90	60-95	75-100	85-100	
01.18	75.30	30-70	55-90	75-100	
600.mic	46.25	15-34	35-59	60-79	
300.mic	19.60	5-20	8-30	12-40	
150.mic	7.40	0-10	0-10	0-10	

NEWZEN CONSULTANT * BANGALORE *

Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD/2019-20/W3-BNM-FA1 Date: 13-11-2019

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	98.50	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.15	60-95	75-100	85-100	
01.18	73.60	30-70	55-90	75-100	
600. mic	42.70	15.34	35-59	60-79	
300.mic	21.90	5-20	8-30	12-40	
150.mic	8.05	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	18.76 %	-----
2	Silt Content	----	0.57%	Not more than 8%
3	Specific Gravity	----	2.61	-------

NEWZEN CONSULTANTS BANGALORE

Page No. 1/1,

For Newzen Consultants Bangalore
Proprietor

NC/QC/YD/2019-20/W3-BNM-S1 Date: 13-11-2019

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 10 and 12mm **TMT Steel.**

{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE – 1

SL No	Details	For 10 mm		For 12 mm	
		Test Results	Min Req as per IS 1786-2008	Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**10.0 mm**	10.0 mm	**12.0 mm**	12.0 mm
02	Observed Wt/m Length **Kg/m**	**0.622**	0.567	**0.891**	0.834
03	Proof stress/Yield stress, fy , **N/mm²**	**546.0**	500.0	**540.0**	500.0
04	Bend/ Re bend Test	**Ok**	---	**Ok**	---
05	Percentage of Elongation, %	**20.60**	12.00	**21.90**	12.00
06	Ultimate Tensile Strength **N/mm²**	**638s.0**	545.0	**632.0**	545.0

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Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD/2019-20/W3-BNM-CB2 **Date: 25-11-2019**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	18-11-19	25-11-19	07	22500	370	16.44	16.67
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	375	16.67	

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NEWZEN CONSULTANT BANGALORE

For Newzen Consultants Bangalore
Proprietor

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JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YD/2019-20/W3-BNM-CB4 Date: 29-11-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	22-11-19	29-11-19	07	22500	365	16.22	**16.15**
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	355	15.78	

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Page No. 1/1,

For Newzen Consultants Bangalore
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NC/QC/YD/2019-20/W3-BNM-CB6 Date: 02-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	25-11-19	02-12-19	07	22500	380	16.89	16.89
	002	"	"	"	"	370	16.44	
	003	"	"	"	"	390	17.33	

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Page No. 1/1,

For Newzen Consultants Bangalore

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NC/QC/YD/2019-20/W3-BNM-CB2A Date: 16-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	18-11-19	16-12-19	29	22500	500	22.22	**22.15**
	002	"	"	"	"	490	21.78	
	003	"	"	"	"	505	22.44	

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NEWZEN CONSULTANT * BANGALORE

Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD/2019-20/W3-BNM-CB4A Date: 20-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	22-12-19	20-12-19	28	22500	510	22.67	**22.44**
	002	"	"	"	"	505	22.44	
	003	"	"	"	"	500	22.22	

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NEWZEN CONSULTANT * BANGALORE

Page No. 1/1,

For Newzen Consultants Bangalore
Proprietor

NC/QC/YD/2019-20/W3-BNM-WM1 Date: 27-11-2019

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.20	95-100
26.50	---	-
22.40	74.55	60-80
11.20	51.80	40-60
4.75	34.10	25-40
2.36	22.55	15-30
0.600	17.40	8-22
0.075	3.15	0-5

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NEWZEN CONSULTANT * BANGALORE

For Newzen Consultants Bangalore
Proprietor

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EMAIL:newzen576@gmail.com

NC/QC/YPD-BC/2018-19/GL2-WM2 Date: 28-11-2019

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	95.40	95-100
26.50	---	-
22.40	73.60	60-80
11.20	51.30	40-60
4.75	34.25	25-40
2.36	23.70	15-30
0.600	17.65	8-22
0.075	4.05	0-5

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NEWZEN CONSULTANT * BANGALORE *

For Newzen Consultants Bangalore
Proprietor

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EMAIL:newzen576@gmail.com

NC/QC/YD/2019-20/W3-BNM –PCC3 Date: 28-11-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	68.90	0 -20	30- 70
10mm	24.10	0 -5	10- 35
4.75mm	3.55	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.35	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	85.15	60-95	75-100	85-100	
01.18	76.45	30-70	55-90	75-100	
600 mic	53.10	15-34	35-59	60-79	
300 mic	17.90	5-20	8-30	12-40	
150 mic	6.55	0-10	0-10	0-10	

For Newzen Consultants Bangalore
Proprietor

Page No. 1/1,

NC/QC/YD/2019-20/W3-BNM-C6 Date: 30-11-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	175min	Shall not be less than 30 min
2	Final setting time	275 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	2.03 %	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.13 mm	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	28.76 N/Sq mm	Shall not be less than 27 N/Sqmm

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Page No. 1/1,

For Newzen Consultants Bangalore
Proprietor

NC/QC/YD/2019-20/W3-BNM-CA2 **Date: 30-11-2019**

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100 00	100 00
20 mm	96.45	85-100	90 - 100
10 mm	48.20	0 - 20	25 - 55
4.75 mm	3.75	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS 383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1	Flakiness Index	24.65 %	Not to exceed 25 %
2	Crushing value	27.98 %	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

For Newzen Consultants Bangalore

Proprietor

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EMAIL:newzen576@gmail.com

NC/QC/YD/2019-20/W3-BNM-CB8 Date: 10-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	03-12-19	10-12-19	07	22500	525	23.33	23.56
	002	"	"	"	"	530	23.56	
	003	"	"	"	"	535	23.78	

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Page No. 1/1,

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Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD/2019-20/W3-BNM-CB10 Date: 12-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-12-19	12-12-19	07	22500	520	23.11	23.63
	002	"	"	"	"	530	23.56	
	003	"	"	"	"	545	24.22	

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Page No. 1/1,

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD/2019-20/W3-BNM-CB7A

Date: 30-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-12-19	30-12-19	28	22500	730	32.44	32.81
	002	"	"	"	"	745	33.11	
	003	"	"	"	"	740	32.89	

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Page No. 1/1,

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NEW TECHNOLOGIES TO INNOVATE

NC/QC/YD/2019-20/W3-BNM-CB9A Date: 31-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	03-12-19	31-12-19	28	22500	730	32.44	32.37
	002	"	"	"	"	740	32.89	
	003	"	"	"	"	715	31.78	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187

NC/QC/YD/2019-20/W3-BNM-CB10A Date: 02-01-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-12-19	02-01-20	28	22500	740	32.89	32.44
	002	"	"	"	"	730	32.44	
	003	"	"	"	"	720	32.00	

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Page No. 1/1,

NC/QC/YD/2019-20/W3-BNM-CB11A

Date: 02-01-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	05-12-19	02-01-20	29	22500	730	32.44	32.52
	002	"	"	"	"	745	33.11	
	003	"	"	"	"	720	32.00	

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Page No. 1/1,